

WHAT IS CLAIMED IS:

1. A rotating force transmitting apparatus comprising:

first and second transmitting means for  
5 transmitting rotating forces to a first and a second  
rotary members, wherein said first and said second  
transmitting means include a first and a second  
clutches for intermittently transmitting the rotating  
forces;

10 common driving means for imparting the rotating  
forces to said first and said second transmitting means,  
wherein said second clutch can be switched from a  
turned-off state thereof to a turned-on state thereof  
for rotating said second rotary member when said first  
15 rotary member is rotating with said first clutch being  
turned on; and

permitting means for permitting a transmission of  
a rotating force only in a normal rotational direction  
of said driving means to said first transmitting means.

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2. A rotating force transmitting apparatus according to Claim 1, wherein said permitting means includes an overrunning clutch.

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3. A rotating force transmitting apparatus according to Claim 2, wherein said overrunning clutch includes a gear rotatable only in the normal rotational

direction.

4. A rotating force transmitting apparatus according to Claim 2 or 3, wherein said driving means  
5 includes a driving source, a drive rotation shaft provided with said overrunning clutch, and drive transmitting means for transmitting a rotating force of said driving source to said drive rotation shaft.

10        5. An image forming apparatus comprising:  
first and second transmitting means for transmitting rotating forces to a first and a second development rotary members, wherein said first and said second transmitting means include a first and a second  
15        clutches for intermittently transmitting the rotating forces;  
common driving means for imparting the rotating forces to said first and said second transmitting means, wherein said second clutch can be switched from a  
20        turned-off state thereof to a turned-on state thereof for rotating said second development rotary member during a development operation in which said first development rotary member is rotating with said first clutch being turned on; and  
25        permitting means for permitting a transmission of a rotating force only in a normal rotational direction of said driving means to said first transmitting means.

6. An image forming apparatus according to Claim 5, wherein said permitting means includes an overrunning clutch.

5 7. An image forming apparatus according to Claim 6, wherein said overrunning clutch includes a gear rotatable only in the normal rotational direction.

10 8. An image forming apparatus according to Claim 6 or 7, wherein said driving means includes a driving source, a drive rotation shaft provided with said overrunning clutch, and drive transmitting means for transmitting a rotating force of said driving source to said drive rotation shaft.

15 9. An image forming apparatus according to Claim 5, wherein a commencement of a development operation of said second development rotary member is enabled during the development operation of said first development 20 rotary member.

10. An image forming apparatus according to Claim 9, wherein said first and said second development rotary members bear developers to carry the developers.

25 11. An image forming apparatus according to Claim 10, wherein said first and said second development

rotary members execute the development operations to a common image bearing member.